



सत्यमेव जयते

GOVERNMENT OF WEST BENGAL  
**BARASAT GOVERNMENT COLLEGE**  
NAAC ACCREDITED 'A' GRADE & DST-FIST SPONSORED COLLEGE

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**DEPARTMENT OF BOTANY**

**List of Instruments to be purchased in the financial year 2022-23**  
[ISO 9001:2008, 2015 AND EQUIVALENT STANDARD CERTIFIED COMPANIES WILL BE CONSIDERED ONLY & LATEST IT RETURN CERTIFICATE MUST BE PRODUCED]

Sl No:	Name of the Instrument (with specification)	Company/Make	Quantity required
1	Digital pH meter (Model No: 335)	Systronics/Equivalent company	03
2	Micropipettes Capacity: 10-100µl; 200-1000 µl & 0.5 10 µl	Tarsons/Borosil/Pipetteman/Thermo Fischer	09
3	Magnetic stirrer with hot plate	Remi/ Equivalent company	02
4	Horizontal gel apparatus [Cell size: (W x L x H) 17.8 x 25.5 x 6.8 cm Gel tray sizes (OD) (W x L) 15 x 7 cm 15 x 10 cm]	Bio-Rad/Biotech/Equivalent Company	02
5	Vertical autoclave (double walled with auto cut; Pressure Range (psi): 15 psi Temperature Range: 121-125 Degree Celsius) CAPACITY: 22-180 Lit	YOMA/ Equivalent company	01
6	Digital balance (Capacity : Standard)	Systronics/K ROY/Mettler	02
7	Horizontal Laminar air flow cabinet (3x4ft)	Microflow/Klenzaid	01
8	Binocular Microscope	Olympus/Nikon	01
9	Quartz double distillation unit	Borosil/ Equivalent company	01
10	Spinwin MC- 01 (CAT -1020, SL.NO - 4213)	Tarsons/ Equivalent company	
11	BOD incubator [Temp range: 5°C to 60°C; Illumination: fluorescent or LED]	U Tech/BSSCO/Royal Scientific	01
12	Colorimeter (400-700 nm with 8 filters; sample volume: 1 ml)	Systronics/ Equivalent company	01
13	Hot air oven (size: 12"x12"x12"; body stainless steel)	Sisco India/Royal Scientific/ Equivalent company	01
14	Soxhlet apparatus (3 units with heating mantle; extraction units made of Borosilicate glass)	Borosil/ Equivalent company	01
15	TLC plate view box (with 2 lamps: 254 nm and 366 nm)	Laboratory deal/ Equivalent company	01
16	Overhead book can herbarium scanner (Microtek objectscan 1600)	Microtek/ Equivalent company	01
17	Mini rotary gyratory shaker (50-400 rpm )	REMI (RS-12 Plus)	01
18	Thermal cycler (with Universal Block 25-Well 25x0.2ml tubes)	Peqlab/ Equivalent company	01



*Sanku Basak*  
for Head  
PG Dept of Botany  
Assistant Professor  
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**DEPARTMENT OF BOTANY**  
**List of existing Instruments to be repaired**

S.No:	Name of the Instrument	Number
1.	Digital balance	02
2.	Refrigerator	02
3.	Laminar airflow	02
4.	Hot air oven	01
5.	Incubator	01
6.	BOD incubator	01
7.	Single Distillation units	02
8.	Double distillation unit	01
9.	Laptop computers	02
10.	LCD projectors	04
11.	Autoclave	02
12.	Desktop Computers	04
13.	Cold centrifuge (Remi)	01
14.	Binocular dissecting microscope	01
15.	Seed germinator	01
16.	Carl Zeiss binocular microscope	01



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